

# Safety detection solutions

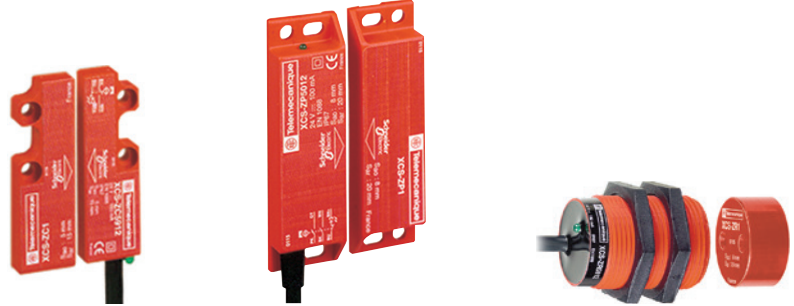
Coded magnetic safety switches

XCSDMC compact rectangular

XCSDMP standard rectangular, XCSDMR cylindrical

Plastic, pre-cabled

Type of switch	Rectangular		Cylindrical
	Compact 51 x 16 x 7	Standard 88 x 25 x 13	Diameter 30 Length 38.5



## References of switches (1) $\Delta$ should be used in conjunction with safety control units (see page 106)

Contact states shown are with the magnet positioned in front of the switch

2-pole 1 NC + 1 NO (staggered)		<b>XCSDMC5902</b>	<b>XCSDMP5902</b>	<b>XCSDMR5902</b>
2-pole 2 NC (2) (staggered)		<b>XCSDMC7902</b>	<b>XCSDMP7902</b>	<b>XCSDMR7902</b>
3-pole 1 NC + 2 NO (1 NO staggered)		—	<b>XCSDMP5002</b>	—
3-pole 2 NC + 1 NO (2) (1 NC staggered)		—	<b>XCSDMP7002</b>	—
2-pole 1 NC + 1 NO (staggered)		<b>XCSDMC5912</b>	<b>XCSDMP5912</b>	<b>XCSDMR5912</b>
2-pole 2 NC (2) (staggered)		<b>XCSDMC7912</b>	—	<b>XCSDMR7912</b>
3-pole 1 NC + 2 NO (1 NO staggered)		—	<b>XCSDMP5012</b>	—
3-pole 2 NC + 1 NO (2) (1 NC staggered)		—	<b>XCSDMP7012</b>	—
Weight (kg)		0.101	0.180	0.146

(1) The references of **XCSDM** switches comprise a coded magnet (XCSP1) and a magnetic switch (XCSDM). Example: XCSDMP5012 comprises XCSP1 (magnet) + XCSDM5012 (switch). Only the coded magnets are available as spare parts (see on page 102).

Switch pre-cabled with 2 m long cable. For other cable lengths, replace the last number of the reference (2) with 5 for a 5 m long cable or with 10 for a 10 m long cable.

Example: rectangular, compact switch with 1 NC + 1 NO contacts and 10 m cable becomes **XCSDMC59010**.

(2) To be associated with a safety control unit which allows 2 NC contact monitoring (for example XPSUAF, XPSUS, XPSUDN, etc.).

## Complementary characteristics not shown under general characteristics (page 99)

Operating zone	Sao: 5 mm Sar: 15 mm	Sao: 8 mm Sar: 20 mm	Sao: 8 mm Sar: 20 mm
Approach directions	3 directions	3 directions	1 direction

## Accessories

See page 102